Attorne ocket No.: P-4785-US

AND A THE ACTION OF THE PARTY OF THE ACTION OF THE ACTION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10500896 - GAU: 2628

pplicant(s):

ROTH, Shmuel et al.

Examiner:

Not vot assigned

J. Crawford

Serial No.:

10/500,896

Group Art Unit:

Not-vot assigned

2628

Filed:

July 7, 2004

Title:

ELECTRONIC COLOR DISPLAY FOR SOFT PROOFING

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, this Information Disclosure Statement includes Form PTO-1449:

l. 🖂	listing documents including patents, publications and other information for consideration by
	the Examiner, however, since the subject application was filed after June 30, 2003, copies
	of United States patents, and/or United States patent applications, and/or United States
	patent application publications are not included in this information disclosure statement;
	and/or
. —	The second secon

2. 🗌	listing documents including patents, publications and other information that have beer
	previously cited or submitted to the Patent Office in prior application U.S. Serial No
	, filed which is properly identified and relied on for an earlier effective filing
	date under 35 U.S.C. 120 for consideration by the Examiner; however, in accordance with
	37 C.F.R. 1.98(d), copies of such documents are not included in this information disclosure
	statement; and/or

3. Iisting documents including patents, publications, and other information for consideration by the Examiner, copies of which are included with this information disclosure statement;

10500896 - GAU: 2628

APPLICANTS: SERIAL NO.: FILED:

Page 2

ROTH, Shmuel et al. 10/500,896 July 7, 20



4. Itsing other information for the Examiner's consideration which was cited in a communication from a foreign patent office in a counterpart foreign application, a copy of which is included with this information disclosure statement.

The information herein cited is only in fulfillment of Applicant(s) duty of candor in disclosing all information brought to Applicant(s) attention. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

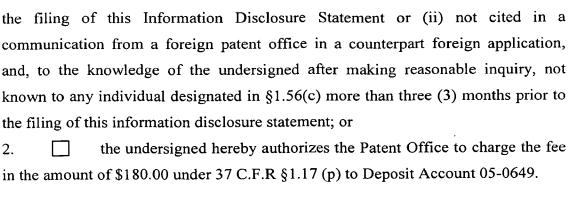
In accordance with MPEP Sections 609 and 707.05(b), it is requested that each and every document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application and is evidence that the Examiner has considered the document.

This Information Disclosure Statement is being filed:

I) Within three (3) months of filing the subject Application or entry of the
subject Application into the national stage or before mailing of the first Office Action on
the merits of the subject Application or a request for continued examination thereof,
whichever event occurs last pursuant to of 37 C.F.R §1.97 (b); or
II) After the period specified in (I) but before the mailing date of either a final
Official Action under 37 C.F.R §1.113 or a notice of allowance under 37 C.F.R §1.311
whichever occurs first and;
1.
the Form PTO-1449 was either (i) cited in a communication from a foreign patent
office in a counterpart foreign application not more than three (3) months prior to

APPLICANTS: SERIAL NO.: FILED: Page 3

ROTH, Shmuel et al. 10/500,896 July 7, 20



	m the	amount of proof of ander 57 C.I. It 31117 (p) to 2 open 1200 and 50 co.
III)		After the period in (I) and (II) but before the payment of the issue fee and,
	1.	The undersigned hereby states:
		a)
		was cited in a communication from a foreign Patent Office in a counterpart
		foreign application not more than three (3) months prior to the filing of this
		Information Disclosure Statement; or
		b)
		was cited in a communication from a foreign patent office in a counterpart
		foreign application, and to the knowledge of the undersigned after making
		reasonable inquiry, no item of information contained in this Information
		Disclosure Statement was known to any individual designated in 37 C.F.R. §
		1.56(c) more than three months prior to the filing of this Information
		Disclosure Statement; and
	_	

2. The undersigned hereby authorizes the Patent Office to charge the Petition fee in the Amount of \$180.00 under 37 C.F.R §1.17 (p) to Deposit Account 05-0649.

10500896 - GAU: 2628

APPLICANTS: SERIAL NO.: ROTH, Shmuel et al.

FILED:

10/500,896 July 7, 20

Page 4

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 05-0649.

Respectfully submitted

Guy Yonay Attorney for Applicant(s)

Registration No. 52,388

Dated: August 12, 2004

Eitan, Pearl, Latzer & Cohen Zedek, LLP.

10 Rockefeller Plaza, Suite 1001 New York, New York 10020

Tel: (212) 632-3480 Fax: (212) 632-3490

DTO/SP/004

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office N.S. DEPARTMENT OF COMMERCE
a collection of information use of the displays a valid OMB control number.

Inder the Paperwo	ork Reductio	n Act of	1995, na	ns are vequired to	respon	and to a collection of information	tion u	t displays a valid OMB control nu
	Substitute	for form	1449A/PTO	8 2004	25	Com	plete if	Known
				ANR 1 H TO	ΑÍ	plication Number	10/50	0,896
INF	ORMA ⁻	FION	DISCLOS	SURE		ng Date	July 7	, 2004
STA	ATEME	NT B	Y APPLIC	CANTIGHADE	Fil	st Named Inventor	ROTH	l, Shmuel
					Gr	oup Art Unit	Not ye	et assigned
(use as ma	ny she	ets as necess	ary)	Ex	aminer Name	Not ye	et assigned
Sheet	1	of	3		Att	orney Docket Number	P-478	5-US

	ī	U.S. PATENT DOCUMENTS U.S. Patent Document Pages, Columns, Line						
xaminer nitials*	Cite, No.	Number Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear			
	А	5,233,385	Sampsell	August 3, 1993				
	В	4,800,375	Silverstein et al.	January 24, 1989				
	С	6,097,367	Kuriwaki et al.	August 1, 2000				
	D	5,592,188	Doherty et al.	January 7, 1997				
	E	6,147,720	Guerinot et al	November 14, 2000				
	F	6,459,425	Holub , et al.	October 1, 2002	<u> </u>			
	G	5,835,099	Marimont	November 10, 1998				
	н	6,231,190	Dewald	May 15, 2001				
	1	6,058,207	Tuijn , et al.	May 2, 2000				
	J	5,999,153	Lind et al	December 7, 1999				
	к	6,280,034	Brennesholtz	August 28, 2001				
	L	4,751,535	Myers	June 14, 1988				
	м	5,416,890	Beretta	May 16, 1995				
	N	5,650,942	Granger	July 22, 1997				
	0	4,985,853	Taylor et al	January 15, 1991				
	Р	4,843,573	Taylor et al	June 27, 1989				
	Q	5,751,385	Heinze	May 12, 1998				
	R	5,870,530	Balasubramanian	February 9, 1999				
	s	5,892,891	Dalal et al	April 6, 1999	_			
	т	6,018,237	Havel	January 25, 2000				
	U	6,220,710	Raj et al	April 24, 2001				
	v	6,246,396	Gibson et al	June 12, 2001				
	w	6,198,512	Harris	March 6, 2001				
	х	6,259,430	Riddle et al.	July 10, 2001				
	Υ	US2002/0149546		December 18,2001				
· · ·	z	6,407,766	Ramanujan , et al.	June 18, 2002				
	AA	6,467,910	Sato	October 22,2002				
	AB	3,699,244	Cohen et al.	October 17, 1972				
	AC	09/710,895	Ben-David et al.	November 14, 2000 (Filing date)				
	AD	6,262,744	Carrein	July 17, 2001				
	AE	5,657,036	Markandey et al.	August 12, 1997				
	AF	6,144,420	Jung	November 7, 2000				

	 	 _
Examiner	Date	
Signature	 Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

			(=	70 \ \ \ \ \ \	\	
Sul	ostitute f	or form	1449A/PT	6 1 8 2004 8	Com	plete if Known
			1	AUG 1 8 500.	Application Number	10/500,896
INFOR	RMAT	ION	DISCL	OSURE S	Filing Date	July 7, 2004
STAT	EME	NT B	Y APP	LICANT RADEMPE	First Named Inventor	ROTH, Shmuel
					Group Art Unit	Not yet assigned
(use	as man	y shee	ets as nece	essary)	Examiner Name	Not yet assigned
Sheet	2	Of	3		Attorney Docket Number	P-4785-US

	Cite No. 1	U.S. Pater	nt Document	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Initials*		Number Kind Code (if known)		of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
**	AG	5,863,125		Doany	January 26, 1999	
	AH	6,236,406		Li	May 22, 2001	
Al	Al	5,909,227		Silverbrook	June 1, 1999	
	AJ	5,447,811		Buhr , et al.	September 5, 1995	
	AK	6,366,291		Taniguchi , et al.	April 2, 2002	
	AL	6,072,464		Ozeki	June 6, 2000	
	AM	6,633,302		Ohsawa , et al.	October 14, 2003	
	AN	6,538,742		Ohsawa	March 25, 2003	

			F	ORE	IGN PATENT DOCUME	ENTS		
Examiner Initials*	Cite No. 1	ForeignPatent Document Office ³ Number ⁴ (if known)			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ°
	AO	wo	97/42770		Barco N.V.	November 13, 1997		
	AP	wo	95/10160		British Broadcasting corporation	April 13, 1995		
	AQ	wo	01/95544		Genoa Color Technologies Ltd.	December 13, 2001		
	AR	wo	02/50763		Genoa Color Technologies Ltd.	June 27, 2002		
14.	AS	JP	2000253263		Osawa	September 14, 2000	Abstract	\perp
	AT	JP	2000338950		Oawa et al.	December 8, 2000	Abstract	\perp
-	<u> </u>	<u> </u>						+
								\perp
		<u> </u>						\dashv
								+
								+

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

	_	
	- 1	
+	- 1	
	+	+

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
a collection of information under it displays a valid OMB control pumber.

					Complete if Known	
				MIR ,	Application Number	10/500,896
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Filing Date	July 7, 2004
					First Named Inventor	ROTH, Shmuel
					Group Art Unit	Not yet assigned
(use as many sheets as necessary)				cessary)	Examiner Name	Not yet assigned
Sheet	3	Of	3		Attorney Docket Number	P-4785-US

		NON PATENT DOCUMENTS	
Examiner nitials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	AU	WYBLE & BERNS, "A Critical View of Spectral Models Applied to Binary Color Printing", Volume 25, 2000, pages 4-19	
	AV	JEFFREY A. SHIMIZU, "Scrolling Color LCOS for HDTV Rear Projection," SID 01 Digest, PP. 1072-1075.June 20	
	AW	FRANCISCO H. IMAI, Color Science; "Spectral reproduction from scene to hardcopy", Part 1-Multi-spectral acquisition and spectral estimation using a Trichromatic Digital Camera System associated with absorption filters. 2	00:
	AX	ROSEN et al, "Spectral Reproduction from Scene to Hardcopy II: Image Processing". Munsell Color Science Laboratory, RIT- Proceedings of SPIE Vol.4300(2001). Pages 33-41 2001.	
	AY	POINTER, M.R., "The Gamut of Real Surface Colours", Color Research & Appl. 5(3):145-155, 1980.	
	AZ	GUNTER WYSZECKI & W.S. STILES, Color Science; Concepts and Methods, Quantitative Data and Formulae, 2d. Ed., 1982, PP.179-183.	
	ВА	AJITO et al, "Expanded Color Gamut Reproduced by Six-Primary Projection Display", Proc. SPIE, Vol, 2954 (2000) PP. 130-137.	
	ВВ	AJITO et al, "Multiprimary Color Display for Liquid Crystal Display Projectors Using Diffraction Granting", Optical Eng.38(11) 1883-1888 (November 1999).	
	ВС	AJITO et al, "Color Conversation Method for Multiprimary Display Using Matrix Switching", Optical Review, Vol.9, No.3, December 2001, 191-197	
	BD	Mashairo Yamaguchi, Taishi Teraji, Kenro Ohsawa, Toshio Uchiyama, Hideto Motomuro, Yuri Murakami and	
		Nagaaki Ohyama "Color image reproduction based on the multispectral and multiprimary imaging: Experimental	
		evaluation", Device Independent Color, Color Hardcopy and applications VII, Proc SPIE, Vol. 4663, pp.15-26 (2002)	
	ļ <u>.</u>		

Examiner Signature	/Jacinta Crawford/	Date Considered	04/05/2011

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.